

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
AbB:				
Albrights-----	northern red oak----	70	57	eastern white pine,
	red maple-----	---	0	Japanese larch,
	white ash-----	---	0	Norway spruce, red
	yellow-poplar-----	75	57	pine, white spruce
AbC2:				
Albrights-----	northern red oak----	70	57	eastern white pine,
	red maple-----	---	0	Japanese larch,
	white ash-----	---	0	Norway spruce, red
	yellow-poplar-----	75	57	pine, white spruce
AgD:				
Albrights-----	northern red oak----	70	57	eastern white pine,
	red maple-----	---	0	Japanese larch,
	white ash-----	---	0	Norway spruce, red
	yellow-poplar-----	75	57	pine, white spruce
AhA:				
Allegheny-----	American elm-----	---	0	black walnut,
	black oak-----	78	57	eastern white
	northern red oak----	---	0	pine, northern red
	pignut hickory-----	---	0	oak, shortleaf
	red maple-----	---	0	pine, white ash,
	shortleaf pine-----	80	129	white oak, yellow-
	sugar maple-----	---	0	poplar
	Virginia pine-----	72	114	
	white ash-----	---	0	
	yellow-poplar-----	93	100	
AhB2:				
Allegheny-----	American elm-----	---	0	black walnut,
	black oak-----	78	57	eastern white
	northern red oak----	---	0	pine, northern red
	pignut hickory-----	---	0	oak, shortleaf
	red maple-----	---	0	pine, white ash,
	shortleaf pine-----	80	129	white oak, yellow-
	sugar maple-----	---	0	poplar
	Virginia pine-----	72	114	
	white ash-----	---	0	
	yellow-poplar-----	93	100	
AhC2:				
Allegheny-----	American elm-----	---	0	black walnut,
	black oak-----	78	57	eastern white
	northern red oak----	---	0	pine, northern red
	pignut hickory-----	---	0	oak, shortleaf
	red maple-----	---	0	pine, white ash,
	shortleaf pine-----	80	129	white oak, yellow-
	sugar maple-----	---	0	poplar
	Virginia pine-----	72	114	
	white ash-----	---	0	
	yellow-poplar-----	93	100	

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
AlA:				
Allegheny-----	American elm-----	---	0	black walnut,
	black oak-----	78	57	eastern white
	northern red oak----	---	0	pine, northern red
	pignut hickory-----	---	0	oak, shortleaf
	red maple-----	---	0	pine, white ash,
	shortleaf pine-----	80	129	white oak, yellow-
	sugar maple-----	---	0	poplar
	Virginia pine-----	72	114	
	white ash-----	---	0	
	yellow-poplar-----	93	100	
AlB2:				
Allegheny-----	American elm-----	---	0	black walnut,
	black oak-----	78	57	eastern white
	northern red oak----	---	0	pine, northern red
	pignut hickory-----	---	0	oak, shortleaf
	red maple-----	---	0	pine, white ash,
	shortleaf pine-----	80	129	white oak, yellow-
	sugar maple-----	---	0	poplar
	Virginia pine-----	72	114	
	white ash-----	---	0	
	yellow-poplar-----	93	100	
AlC2:				
Allegheny-----	American elm-----	---	0	black walnut,
	black oak-----	78	57	eastern white
	northern red oak----	---	0	pine, northern red
	pignut hickory-----	---	0	oak, shortleaf
	red maple-----	---	0	pine, white ash,
	shortleaf pine-----	80	129	white oak, yellow-
	sugar maple-----	---	0	poplar
	Virginia pine-----	72	114	
	white ash-----	---	0	
	yellow-poplar-----	93	100	
AlD:				
Allegheny-----	American elm-----	---	0	black walnut,
	black oak-----	78	57	eastern white
	northern red oak----	---	0	pine, northern red
	pignut hickory-----	---	0	oak, shortleaf
	red maple-----	---	0	pine, white ash,
	shortleaf pine-----	80	129	white oak, yellow-
	sugar maple-----	---	0	poplar
	Virginia pine-----	72	114	
	white ash-----	---	0	
	yellow-poplar-----	93	100	
AnB:				
Allegheny-----	American elm-----	---	0	black walnut,
	black oak-----	78	57	eastern white
	northern red oak----	---	0	pine, northern red
	pignut hickory-----	---	0	oak, shortleaf
	red maple-----	---	0	pine, white ash,
	shortleaf pine-----	80	129	white oak, yellow-
	sugar maple-----	---	0	poplar
	Virginia pine-----	72	114	
	white ash-----	---	0	
	yellow-poplar-----	93	100	

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
Urban Land-----	---	---	---	---
AnC:				
Allegheny-----	American elm-----	---	0	black walnut,
	black oak-----	78	57	eastern white
	northern red oak----	---	0	pine, northern red
	pignut hickory-----	---	0	oak, shortleaf
	red maple-----	---	0	pine, white ash,
	shortleaf pine-----	80	129	white oak, yellow-
	sugar maple-----	---	0	poplar
	Virginia pine-----	72	114	
	white ash-----	---	0	
	yellow-poplar-----	93	100	
Urban Land-----	---	---	---	---
Au:				
Alluvial Land-----	---	---	---	---
Av:				
Alluvial Land-----	---	---	---	---
Urban Land-----	---	---	---	---
Aw:				
Atkins-----	American sycamore----	---	0	eastern white pine,
	eastern cottonwood--	105	143	white spruce
	loblolly pine-----	83	114	
	pin oak-----	100	57	
	red maple-----	---	0	
	sweetgum-----	95	114	
BeE:				
Belmont-----	northern red oak----	80	57	black walnut,
	sugar maple-----	80	57	eastern white
	white ash-----	80	57	pine, Japanese
	white oak-----	80	57	larch, yellow-
	yellow-poplar-----	90	86	poplar
BkC3:				
Brooke-----	black locust-----	70	0	black locust, black
	black walnut-----	---	0	walnut, eastern
	northern red oak----	70	57	white pine,
	sugar maple-----	70	43	Virginia pine
	white ash-----	70	43	
	white oak-----	70	57	
	yellow-poplar-----	80	72	
BuB2:				
Buchanan-----	northern red oak----	66	43	eastern white pine,
	yellow-poplar-----	---	0	Japanese larch,
				northern red oak,
				Norway spruce,
				sugar maple,
				yellow-poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
BuC2: Buchanan-----	northern red oak---- yellow-poplar-----	66 ---	43 0	eastern white pine, Japanese larch, northern red oak, Norway spruce, sugar maple, yellow-poplar
BvC: Buchanan-----	northern red oak---- yellow-poplar-----	66 91	43 86	eastern white pine, Japanese larch, northern red oak, Norway spruce, sugar maple, yellow-poplar
BvD: Buchanan-----	northern red oak---- yellow-poplar-----	66 91	43 86	eastern white pine, Japanese larch, northern red oak, Norway spruce, sugar maple, yellow-poplar
CaB: Calvin-----	northern red oak---- yellow-poplar-----	71 71	57 57	eastern white pine, red pine, Virginia pine
CaC: Calvin-----	northern red oak----	67	43	eastern white pine, European larch, Norway spruce, red pine, Virginia pine
ClB2: Calvin-----	northern red oak---- yellow-poplar-----	71 71	57 57	eastern white pine, red pine, Virginia pine
ClC2: Calvin-----	northern red oak----	67	43	eastern white pine, European larch, Norway spruce, red pine, Virginia pine
ClD2: Calvin-----	northern red oak----	67	43	eastern white pine, European larch, Norway spruce, red pine, Virginia pine

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
ClE: Calvin-----	northern red oak----	67	43	eastern white pine, European larch, Norway spruce, red pine, Virginia pine
CnB2: Calvin-----	northern red oak---- yellow-poplar-----	71 71	57 57	eastern white pine, red pine, Virginia pine
Weikert-----	northern red oak---- Virginia pine-----	59 56	43 86	eastern white pine, red pine, shortleaf pine, Virginia pine
CnC2: Calvin-----	northern red oak---- yellow-poplar-----	77 80	57 72	eastern white pine, red pine, Virginia pine
Weikert-----	northern red oak---- Virginia pine-----	64 60	43 86	eastern white pine, shortleaf pine, Virginia pine
CnD2: Calvin-----	northern red oak---- yellow-poplar-----	77 80	57 72	eastern white pine, red pine, Virginia pine
Weikert-----	northern red oak---- Virginia pine-----	64 60	43 86	eastern white pine, shortleaf pine, Virginia pine
CnE: Calvin-----	northern red oak---- yellow-poplar-----	77 80	57 72	eastern white pine, red pine, Virginia pine
Weikert-----	northern red oak---- Virginia pine-----	64 60	43 86	eastern white pine, shortleaf pine, Virginia pine
CoB2: Cavode-----	northern red oak---- yellow-poplar-----	83 95	57 100	black cherry, eastern white pine, Norway spruce, white spruce, yellow- poplar
CoC2: Cavode-----	northern red oak---- yellow-poplar-----	83 95	57 100	black cherry, eastern white pine, Norway spruce, white spruce, yellow- poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
CrD: Cavode-----	northern red oak----- yellow-poplar-----	83 95	57 100	black cherry, eastern white pine, Norway spruce, white spruce, yellow- poplar
CsA: Chavies-----	American sycamore----- black cherry----- black walnut----- hickory----- northern red oak----- red maple----- shortleaf pine----- sugar maple----- white oak----- yellow-poplar-----	--- --- --- --- --- --- 76 --- --- 93	0 0 0 0 0 0 114 0 0 100	black walnut, eastern white pine, northern red oak, shortleaf pine, white oak, yellow-poplar
CsB: Chavies-----	American sycamore----- black cherry----- black walnut----- hickory----- northern red oak----- red maple----- shortleaf pine----- sugar maple----- white oak----- yellow-poplar-----	--- --- --- --- --- --- 76 --- --- 93	0 0 0 0 0 0 114 0 0 100	black walnut, eastern white pine, northern red oak, shortleaf pine, white oak, yellow-poplar
CtB2: Cookport-----	black cherry----- northern red oak----- sugar maple----- white ash----- yellow-poplar-----	86 76 80 86 90	57 57 57 57 86	black cherry, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
CtC2: Cookport-----	black cherry----- northern red oak----- sugar maple----- white ash----- yellow-poplar-----	86 76 80 86 90	57 57 57 57 86	black cherry, eastern white pine, Japanese larch, Norway spruce, yellow- poplar
CuB: Cookport-----	black cherry----- northern red oak----- sugar maple----- white ash----- yellow-poplar-----	86 76 80 86 90	57 57 57 57 86	eastern white pine, Japanese larch, Norway spruce, yellow-poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
CuD:				
Cookport-----	black cherry-----	86	57	eastern white pine,
	northern red oak----	76	57	Japanese larch,
	sugar maple-----	80	57	Norway spruce,
	white ash-----	86	57	yellow-poplar
	yellow-poplar-----	90	86	
Cv:				
Cut And Fill Land-----	northern red oak----	---	0	Austrian pine,
	red maple-----	---	0	eastern white pine, red pine, Virginia pine
DeB2:				
Dekalb-----	northern red oak----	57	43	Austrian pine, eastern white pine, Japanese larch, red pine, Virginia pine
DeC2:				
Dekalb-----	northern red oak----	53	43	Austrian pine,
	shortleaf pine-----	---	0	eastern white pine, Japanese larch, Norway spruce, red pine, Virginia pine
DeD:				
Dekalb-----	northern red oak----	53	43	Austrian pine,
	shortleaf pine-----	---	0	eastern white pine, Japanese larch, Norway spruce, red pine, Virginia pine
DkB:				
Dekalb-----	black cherry-----	80	57	black cherry,
	cucumbertree-----	---	0	eastern white
	red maple-----	---	0	pine, Japanese
	white ash-----	---	0	larch, Norway
	yellow birch-----	---	0	spruce, red pine
DkC:				
Dekalb-----	black cherry-----	80	57	black cherry,
	cucumbertree-----	---	0	eastern white
	red maple-----	---	0	pine, Japanese
	white ash-----	---	0	larch, Norway
	yellow birch-----	---	0	spruce, red pine
DlE:				
Dekalb-----	northern red oak----	53	43	Austrian pine, eastern white pine, Japanese larch, red pine, Virginia pine
Lehew-----	eastern white pine--	---	0	eastern white pine,
	northern red oak----	58	43	Japanese larch,
	Virginia pine-----	50	72	Virginia pine

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
DlF: Dekalb-----	northern red oak----	53	43	Austrian pine, eastern white pine, Japanese larch, red pine, Virginia pine
Lehew-----	eastern white pine-- northern red oak---- Virginia pine-----	--- 58 50	0 43 72	eastern white pine, Japanese larch, Virginia pine
EdB2: Edom-----	northern red oak---- yellow-poplar-----	80 90	57 86	eastern white pine, Norway spruce, Virginia pine, yellow-poplar
EdC2: Edom-----	northern red oak---- yellow-poplar-----	80 90	57 86	eastern white pine, Norway spruce, Virginia pine, yellow-poplar
EdD2: Edom-----	northern red oak---- yellow-poplar-----	80 90	57 86	eastern white pine, Norway spruce, Virginia pine, yellow-poplar
Edom-----	northern red oak---- yellow-poplar-----	70 80	43 72	eastern white pine, Norway spruce, Virginia pine, yellow-poplar
EdE2: Edom-----	northern red oak---- yellow-poplar-----	80 90	57 86	eastern white pine, Norway spruce, Virginia pine, yellow-poplar
Edom-----	northern red oak---- yellow-poplar-----	70 80	43 72	eastern white pine, Norway spruce, Virginia pine, yellow-poplar
EeE3: Edom-----	northern red oak---- yellow-poplar-----	80 90	57 86	eastern white pine, Norway spruce, Virginia pine, yellow-poplar
Edom-----	northern red oak---- yellow-poplar-----	70 80	43 72	eastern white pine, Norway spruce, Virginia pine, yellow-poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
E1A: Elliber-----	northern red oak---- yellow-poplar-----	80 90	57 86	black locust, black walnut, eastern white pine, European larch, Norway spruce, yellow-poplar
E1B2: Elliber-----	northern red oak---- yellow-poplar-----	80 90	57 86	black locust, black walnut, eastern white pine, European larch, Norway spruce, yellow-poplar
E1C2: Elliber-----	northern red oak---- yellow-poplar-----	85 95	57 100	black locust, black walnut, eastern white pine, European larch, Norway spruce, yellow-poplar
E1D: Elliber-----	northern red oak---- yellow-poplar-----	85 95	57 100	black locust, black walnut, eastern white pine, European larch, Norway spruce, yellow-poplar
Elliber-----	northern red oak---- yellow-poplar-----	80 90	57 86	black locust, black walnut, eastern white pine, European larch, Norway spruce, yellow-poplar
EmC: Elliber-----	northern red oak---- yellow-poplar-----	80 90	57 86	black locust, black walnut, eastern white pine, European larch, Norway spruce, yellow-poplar
EmD: Elliber-----	northern red oak---- yellow-poplar-----	85 95	57 100	black locust, black walnut, eastern white pine, European larch, Norway spruce, yellow-poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
Elliber-----	northern red oak----	80	57	black locust, black walnut, eastern white pine, European larch, Norway spruce, yellow-poplar
	yellow-poplar-----	90	86	
EmF: Elliber-----	northern red oak----	85	57	black locust, black walnut, eastern white pine, European larch, Norway spruce, yellow-poplar
	yellow-poplar-----	95	100	
Elliber-----	northern red oak----	80	57	black locust, black walnut, eastern white pine, European larch, Norway spruce, yellow-poplar
	yellow-poplar-----	90	86	
ErA: Ernest-----	black cherry-----	80	57	eastern white pine, Japanese larch, Norway spruce
	black walnut-----	---	0	
	northern red oak----	80	57	
	sugar maple-----	80	57	
	white ash-----	80	57	
	yellow-poplar-----	89	86	
ErB2: Ernest-----	black cherry-----	80	57	eastern white pine, Japanese larch, Norway spruce
	black walnut-----	---	0	
	northern red oak----	80	57	
	sugar maple-----	80	57	
	white ash-----	80	57	
	yellow-poplar-----	89	86	
ErC2: Ernest-----	black cherry-----	80	57	eastern white pine, Japanese larch, Norway spruce
	black walnut-----	---	0	
	northern red oak----	80	57	
	sugar maple-----	80	57	
	white ash-----	80	57	
	yellow-poplar-----	89	86	
ErD2: Ernest-----	black cherry-----	80	57	eastern white pine, Japanese larch, Norway spruce
	black walnut-----	---	0	
	northern red oak----	80	57	
	sugar maple-----	80	57	
	white ash-----	80	57	
	yellow-poplar-----	89	86	

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
EuB:				
Ernest-----	black cherry-----	80	57	eastern white pine,
	black walnut-----	---	0	Japanese larch,
	northern red oak----	80	57	Norway spruce
	sugar maple-----	80	57	
	white ash-----	80	57	
	yellow-poplar-----	89	86	
Landisburg-----	black oak-----	80	57	eastern white pine,
	yellow-poplar-----	90	86	yellow-poplar
Urban Land-----	---	---	---	---
EuD:				
Ernest-----	black cherry-----	80	57	eastern white pine,
	black walnut-----	---	0	Japanese larch,
	northern red oak----	80	57	Norway spruce
	sugar maple-----	80	57	
	white ash-----	80	57	
	yellow-poplar-----	89	86	
Landisburg-----	northern red oak----	75	57	eastern white pine,
	yellow-poplar-----	85	86	Japanese larch,
				Norway spruce,
				yellow-poplar
Urban Land-----	---	---	---	---
GlB2:				
Gilpin-----	northern red oak----	80	57	black cherry,
	yellow-poplar-----	95	100	eastern white
				pine, Japanese
				larch, Virginia
				pine, yellow-
				poplar
GlC2:				
Gilpin-----	northern red oak----	70	57	black cherry,
	yellow-poplar-----	90	86	eastern white
				pine, Japanese
				larch, Virginia
				pine, yellow-
				poplar
GlD2:				
Gilpin-----	northern red oak----	70	57	black cherry,
	yellow-poplar-----	90	86	eastern white
				pine, Japanese
				larch, Virginia
				pine, yellow-
				poplar
Gilpin-----	northern red oak----	80	57	black cherry,
	yellow-poplar-----	95	100	eastern white
				pine, Japanese
				larch, Virginia
				pine, yellow-
				poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
GnB2: Gilpin-----	northern red oak---- yellow-poplar-----	80 95	57 100	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar
GnC2: Gilpin-----	northern red oak---- yellow-poplar-----	70 90	57 86	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar
GnD2: Gilpin-----	northern red oak---- yellow-poplar-----	70 90	57 86	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar
Gilpin-----	northern red oak---- yellow-poplar-----	80 95	57 100	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar
GnE: Gilpin-----	northern red oak---- yellow-poplar-----	70 90	57 86	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar
Gilpin-----	northern red oak---- yellow-poplar-----	80 95	57 100	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar
GsB: Gilpin-----	northern red oak---- yellow-poplar-----	80 95	57 100	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
GsD: Gilpin-----	northern red oak---- yellow-poplar-----	70 90	57 86	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar
Gilpin-----	northern red oak---- yellow-poplar-----	80 95	57 100	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar
GuB: Gilpin-----	northern red oak---- yellow-poplar-----	80 95	57 100	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar
Urban Land-----	---	---	---	---
GuD: Gilpin-----	northern red oak---- yellow-poplar-----	70 90	57 86	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar
Urban Land-----	---	---	---	---
GwF: Gilpin-----	northern red oak---- yellow-poplar-----	70 90	57 86	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar
Weikert-----	northern red oak---- Virginia pine-----	55 52	43 72	shortleaf pine, Virginia pine
Gx: Gravel Pits-----	---	---	---	---
HeC2: Hagerstown-----	northern red oak---- yellow-poplar-----	85 95	57 100	black walnut, eastern white pine, Norway spruce, yellow- poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
HeE2: Hagerstown-----	northern red oak---- yellow-poplar-----	85 95	57 100	black walnut, eastern white pine, Norway spruce, yellow- poplar
Hn: Huntington-----	northern red oak---- yellow-poplar-----	85 95	57 100	black locust, black walnut, eastern white pine, yellow-poplar
HxA: Huntington-----	northern red oak---- yellow-poplar-----	85 95	57 100	black locust, black walnut, eastern white pine, yellow-poplar
HxB: Huntington-----	northern red oak---- yellow-poplar-----	85 95	57 100	black locust, black walnut, eastern white pine, yellow-poplar
HxC: Huntington-----	northern red oak---- yellow-poplar-----	85 95	57 100	black locust, black walnut, eastern white pine, yellow-poplar
LaB2: Laidig-----	black cherry----- black locust----- eastern white pine-- northern red oak---- sugar maple----- white ash----- white oak----- yellow-poplar-----	80 80 90 80 80 80 80 90	57 0 172 57 57 57 57 86	black cherry, black locust, black walnut, eastern white pine, Japanese larch, Norway spruce, yellow-poplar
LaC2: Laidig-----	black cherry----- black locust----- eastern white pine-- northern red oak---- sugar maple----- white ash----- white oak----- yellow-poplar-----	80 80 90 80 80 80 80 90	57 0 172 57 57 57 57 86	black cherry, black locust, black walnut, eastern white pine, Japanese larch, Norway spruce, yellow-poplar
LaD2: Laidig-----	black cherry----- black locust----- eastern white pine-- northern red oak---- sugar maple----- white ash----- white oak----- yellow-poplar-----	80 80 90 80 80 80 80 90	57 0 172 57 57 57 57 86	black cherry, black locust, black walnut, eastern white pine, Japanese larch, Norway spruce, yellow-poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
LbC:				
Laidig-----	black cherry-----	80	57	black cherry, black
	black locust-----	80	0	locust, black
	eastern white pine--	90	172	walnut, eastern
	northern red oak----	80	57	white pine,
	sugar maple-----	80	57	Japanese larch,
	white ash-----	80	57	Norway spruce,
	white oak-----	80	57	yellow-poplar
	yellow-poplar-----	90	86	
LbD:				
Laidig-----	black cherry-----	80	57	black cherry, black
	black locust-----	80	0	locust, black
	eastern white pine--	90	172	walnut, eastern
	northern red oak----	80	57	white pine,
	sugar maple-----	80	57	Japanese larch,
	white ash-----	80	57	Norway spruce,
	white oak-----	80	57	yellow-poplar
	yellow-poplar-----	90	86	
LdA:				
Landisburg-----	black oak-----	80	57	eastern white pine,
	yellow-poplar-----	90	86	yellow-poplar
LdB2:				
Landisburg-----	black oak-----	80	57	eastern white pine,
	yellow-poplar-----	90	86	yellow-poplar
LdC2:				
Landisburg-----	northern red oak----	75	57	eastern white pine,
	yellow-poplar-----	85	86	Japanese larch,
				Norway spruce,
				yellow-poplar
LdD2:				
Landisburg-----	northern red oak----	75	57	eastern white pine,
	yellow-poplar-----	85	86	Japanese larch,
				Norway spruce,
				yellow-poplar
LgD:				
Leetonia-----	northern red oak----	50	29	pitch pine,
	Virginia pine-----	50	72	Virginia pine
LhB2:				
Lehew-----	eastern white pine--	---	0	eastern white pine,
	northern red oak----	62	43	Japanese larch,
	Virginia pine-----	57	86	Virginia pine
LhC2:				
Lehew-----	eastern white pine--	---	0	eastern white pine,
	northern red oak----	58	43	Japanese larch,
	Virginia pine-----	50	72	Virginia pine
LhE:				
Lehew-----	eastern white pine--	---	0	eastern white pine,
	northern red oak----	58	43	Japanese larch,
	Virginia pine-----	50	72	Virginia pine

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
Lehew-----	eastern white pine-- northern red oak---- Virginia pine-----	--- 67 70	0 43 114	eastern white pine, Japanese larch, Virginia pine
LlB: Lehew-----	eastern white pine-- northern red oak---- Virginia pine-----	--- 62 57	0 43 86	eastern white pine, Japanese larch, Virginia pine
LlD: Lehew-----	eastern white pine-- northern red oak---- Virginia pine-----	--- 58 50	0 43 72	eastern white pine, Japanese larch, Virginia pine
Lehew-----	eastern white pine-- northern red oak---- Virginia pine-----	--- 67 60	0 43 86	eastern white pine, Japanese larch, Virginia pine
Lm: Lickdale-----	pin oak----- red maple-----	85 85	57 57	eastern white pine, white spruce
Ln: Lindside-----	black walnut----- northern red oak---- red maple----- white ash----- white oak----- yellow-poplar-----	--- 86 --- 85 85 95	0 72 0 57 72 100	black oak, black walnut, eastern white pine, Japanese larch, northern red oak, Norway spruce, shortleaf pine, white ash, white oak, yellow-poplar
LsB2: Litz-----	northern red oak---- shortleaf pine----- Virginia pine----- yellow-poplar-----	74 72 61 93	57 114 86 100	eastern white pine, shortleaf pine, Virginia pine
LsC2: Litz-----	northern red oak---- shortleaf pine----- Virginia pine-----	70 65 64	57 100 100	eastern white pine, shortleaf pine, Virginia pine
LsD2: Litz-----	northern red oak---- shortleaf pine----- Virginia pine-----	70 65 64	57 100 100	eastern white pine, shortleaf pine, Virginia pine
Litz-----	northern red oak---- Virginia pine----- yellow-poplar-----	80 65 95	57 100 100	eastern white pine, shortleaf pine, Virginia pine
LsE: Litz-----	northern red oak---- shortleaf pine----- Virginia pine-----	70 65 64	57 100 100	eastern white pine, shortleaf pine, Virginia pine

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
Litz-----	northern red oak----	80	57	eastern white pine,
	Virginia pine-----	65	100	shortleaf pine,
	yellow-poplar-----	95	100	Virginia pine
LyB:				
Loysville-----	black oak-----	80	57	eastern white pine,
	yellow-poplar-----	90	86	yellow-poplar
McB2:				
Meckesville-----	northern red oak----	80	57	black cherry,
	yellow-poplar-----	90	86	eastern white pine, Japanese larch, Norway spruce, yellow- poplar
McC2:				
Meckesville-----	northern red oak----	80	57	black cherry,
	yellow-poplar-----	90	86	eastern white pine, Japanese larch, Norway spruce, yellow- poplar
McD2:				
Meckesville-----	northern red oak----	80	57	black cherry,
	yellow-poplar-----	90	86	eastern white pine, Japanese larch, Norway spruce, yellow- poplar
MdC:				
Meckesville-----	northern red oak----	80	57	black cherry,
	yellow-poplar-----	90	86	eastern white pine, Japanese larch, Norway spruce, yellow- poplar
MdD:				
Meckesville-----	northern red oak----	80	57	black cherry,
	yellow-poplar-----	90	86	eastern white pine, Japanese larch, Norway spruce, yellow- poplar
Me:				
Melvin-----	American elm-----	---	0	American sycamore,
	cherrybark oak-----	91	114	eastern
	common hackberry----	---	0	cottonwood,
	eastern cottonwood--	101	129	loblolly pine, pin
	green ash-----	---	0	oak, sweetgum,
	hickory-----	---	0	willow oak
	pin oak-----	99	100	
	red maple-----	---	0	
	sweetgum-----	89	100	

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
MhA: Monongahela-----	black walnut----- eastern white pine-- northern red oak---- Virginia pine----- white ash----- yellow-poplar-----	--- 72 70 66 --- 85	0 129 57 100 0 86	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar
MhB2: Monongahela-----	black walnut----- eastern white pine-- northern red oak---- Virginia pine----- white ash----- yellow-poplar-----	--- 72 70 66 --- 85	0 129 57 100 0 86	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar
MhC2: Monongahela-----	black walnut----- eastern white pine-- northern red oak---- Virginia pine----- white ash----- yellow-poplar-----	--- 72 70 66 --- 85	0 129 57 100 0 86	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar
NoA: Nolo-----	black cherry----- northern red oak----	70 70	43 57	eastern white pine, Norway spruce, red maple
NoB: Nolo-----	black cherry----- northern red oak----	70 70	43 57	eastern white pine, Norway spruce, red maple
NoC2: Nolo-----	black cherry----- northern red oak----	70 70	43 57	eastern white pine, Norway spruce, red maple
NsC: Nolo-----	black cherry----- northern red oak----	70 70	43 57	eastern white pine, Norway spruce, red maple
OpB2: Opequon-----	northern red oak---- yellow-poplar-----	80 90	57 86	eastern white pine, Norway spruce, Virginia pine, yellow-poplar
OpC2: Opequon-----	northern red oak---- yellow-poplar-----	80 90	57 86	eastern white pine, Norway spruce, Virginia pine, yellow-poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
OpD2:				
Opequon-----	northern red oak----	70	43	eastern white pine,
	yellow-poplar-----	80	72	Norway spruce, Virginia pine, yellow-poplar
Opequon-----	northern red oak----	80	57	eastern white pine,
	yellow-poplar-----	90	86	Norway spruce, Virginia pine, yellow-poplar
OpE2:				
Opequon-----	northern red oak----	70	43	eastern white pine,
	yellow-poplar-----	80	72	Norway spruce, Virginia pine, yellow-poplar
Opequon-----	northern red oak----	80	57	eastern white pine,
	yellow-poplar-----	90	86	Norway spruce, Virginia pine, yellow-poplar
OuD:				
Opequon-----	northern red oak----	80	57	black locust, black
	yellow-poplar-----	90	86	walnut, eastern white pine, European larch, Norway spruce, yellow-poplar
OuE:				
Opequon-----	northern red oak----	85	57	black locust, black
	yellow-poplar-----	95	100	walnut, eastern white pine, European larch, Norway spruce, yellow-poplar
Opequon-----	northern red oak----	80	57	black locust, black
	yellow-poplar-----	90	86	walnut, eastern white pine, European larch, Norway spruce, yellow-poplar
Ph:				
Philo-----	black oak-----	85	57	eastern white pine,
	northern red oak----	86	57	yellow-poplar
	Virginia pine-----	74	114	
	white ash-----	85	57	
	white oak-----	85	57	
	yellow-poplar-----	102	114	

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
Pn:				
Pope-----	American basswood----	---	0	black walnut,
	American beech-----	---	0	eastern white
	American sycamore----	---	0	pine, northern red
	bitternut hickory----	---	0	oak, shortleaf
	blackgum-----	---	0	pine, white ash,
	eastern hemlock-----	---	0	white oak, yellow-
	northern red oak----	---	0	poplar
	white oak-----	80	57	
	yellow-poplar-----	96	100	
Ps:				
Pope-----	American basswood----	---	0	black walnut,
	American beech-----	---	0	eastern white
	American sycamore----	---	0	pine, northern red
	bitternut hickory----	---	0	oak, shortleaf
	blackgum-----	---	0	pine, white ash,
	eastern hemlock-----	---	0	white oak, yellow-
	northern red oak----	---	0	poplar
	white oak-----	80	57	
	yellow-poplar-----	96	100	
RbB:				
Robertsville-----	American beech-----	---	0	American sycamore,
	black oak-----	86	57	green ash,
	green ash-----	---	0	loblolly pine, pin
	pin oak-----	96	57	oak, sweetgum,
	red maple-----	---	0	willow oak
	Shumard's oak-----	90	57	
	swamp chestnut oak--	---	0	
	sweetgum-----	94	114	
	white oak-----	---	0	
	yellow-poplar-----	86	86	
Rc:				
Rock Outcrop-----	---	---	---	---
ShB2:				
Shelocta-----	American beech-----	---	0	black walnut,
	cucumbertree-----	---	0	eastern white
	red maple-----	81	0	pine, northern red
	scarlet oak-----	80	57	oak, shortleaf
	shortleaf pine-----	77	129	pine, white ash,
	white oak-----	77	57	white oak, yellow-
	yellow-poplar-----	99	100	poplar
ShC2:				
Shelocta-----	American beech-----	---	0	black walnut,
	cucumbertree-----	---	0	eastern white
	red maple-----	81	0	pine, northern red
	scarlet oak-----	80	57	oak, shortleaf
	shortleaf pine-----	77	129	pine, white ash,
	white oak-----	77	57	white oak, yellow-
	yellow-poplar-----	99	100	poplar

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
ShD2:				
Shelocta-----	American beech-----	---	0	eastern white pine,
	black oak-----	73	57	shortleaf pine,
	blackgum-----	---	0	white oak
	red maple-----	55	0	
	scarlet oak-----	70	57	
	white oak-----	65	43	
	yellow-poplar-----	90	86	
Shelocta-----	American beech-----	---	0	black walnut,
	cucumbertree-----	---	0	eastern white
	red maple-----	81	0	pine, northern red
	scarlet oak-----	80	57	oak, shortleaf
	shortleaf pine-----	77	129	pine, white ash,
	white oak-----	77	57	white oak, yellow-
	yellow-poplar-----	99	100	poplar
SrC:				
Stony Land-----	northern red oak----	57	43	Austrian pine,
				eastern white
				pine, Japanese
				larch, red pine
Stony Land-----	northern red oak----	57	43	Austrian pine,
				eastern white
				pine, Japanese
				larch, red pine
SrF:				
Stony Land-----	northern red oak----	53	43	Austrian pine,
				eastern white
				pine, Japanese
				larch, red pine,
				Virginia pine
St:				
Strip Mines And Dump----	northern red oak----	---	0	Austrian pine,
	red maple-----	---	0	eastern white
				pine, red pine,
				Virginia pine
TyA:				
Tyler-----	American beech-----	---	0	black oak, eastern
	American sycamore----	---	0	white pine, red
	northern red oak----	80	57	pine, Virginia
	slippery elm-----	---	0	pine, white ash,
	sugar maple-----	---	0	yellow-poplar
	white ash-----	86	114	
	white oak-----	---	0	
	yellow-poplar-----	100	114	
TyB:				
Tyler-----	American beech-----	---	0	black oak, eastern
	American sycamore----	---	0	white pine, red
	northern red oak----	80	57	pine, Virginia
	slippery elm-----	---	0	pine, white ash,
	sugar maple-----	---	0	yellow-poplar
	white ash-----	86	114	
	white oak-----	---	0	
	yellow-poplar-----	100	114	

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
W: Water-----	---	---	---	---
WeB2: Weikert-----	northern red oak---- Virginia pine-----	59 56	43 86	eastern white pine, red pine, shortleaf pine, Virginia pine
WeC2: Weikert-----	northern red oak---- Virginia pine-----	55 52	43 72	shortleaf pine, Virginia pine
WeE: Weikert-----	northern red oak---- Virginia pine-----	55 52	43 72	shortleaf pine, Virginia pine
Weikert-----	northern red oak---- Virginia pine-----	64 60	43 86	eastern white pine, shortleaf pine, Virginia pine
WkD: Weikert-----	northern red oak---- Virginia pine-----	64 60	43 86	eastern white pine, shortleaf pine, Virginia pine
Weikert-----	northern red oak---- Virginia pine-----	55 52	43 72	shortleaf pine, Virginia pine
WlB: Weikert-----	northern red oak---- Virginia pine-----	59 56	43 86	eastern white pine, red pine, shortleaf pine, Virginia pine
Urban Land-----	---	---	---	---
WlC: Weikert-----	northern red oak---- Virginia pine-----	55 52	43 72	shortleaf pine, Virginia pine
Urban Land-----	---	---	---	---
WlE: Weikert-----	northern red oak---- Virginia pine-----	55 52	43 72	shortleaf pine, Virginia pine
Urban Land-----	---	---	---	---
WnF: Gilpin-----	northern red oak---- yellow-poplar-----	70 90	57 86	black cherry, eastern white pine, Japanese larch, Virginia pine, yellow- poplar
Weikert-----	northern red oak---- Virginia pine-----	55 52	43 72	shortleaf pine, Virginia pine

Table E1.--Forest Productivity--Continued

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
WsB2:				
Westmoreland-----	eastern white pine--	70	129	eastern white pine,
	northern red oak----	75	57	Virginia pine,
	yellow-poplar-----	85	86	yellow-poplar
WsC2:				
Westmoreland-----	eastern white pine--	65	114	eastern white pine,
	northern red oak----	70	57	European larch,
	yellow-poplar-----	80	72	Virginia pine
WsD2:				
Westmoreland-----	eastern white pine--	65	114	eastern white pine,
	northern red oak----	70	57	European larch,
	yellow-poplar-----	80	72	Virginia pine
Westmoreland-----	eastern white pine--	75	143	black walnut,
	northern red oak----	81	57	eastern white
	yellow-poplar-----	90	86	pine, yellow- poplar
WsE:				
Westmoreland-----	eastern white pine--	65	114	eastern white pine,
	northern red oak----	70	57	European larch,
	yellow-poplar-----	80	72	Virginia pine
Westmoreland-----	eastern white pine--	75	143	black walnut,
	northern red oak----	81	57	eastern white
	yellow-poplar-----	90	86	pine, yellow- poplar

